ABSTRACT OF THE DISCLOSURE

The present invention relates to antibodies that bind CD33. More particularly, the invention relates to anti-CD33 antibodies, fragments and homologues of said antibodies, humanized and resurfaced versions of said antibodies, functional equivalents and improved versions of said antibodies, immunoconjugates and compositions comprising said antibodies, and the uses of same in diagnostic, research and therapeutic applications. The invention also relates to a polynucleotide encoding the antibodies, vectors comprising the polynucleotides, host cells transformed with polynucleotides and methods of producing the antibodies.